Dragon, Karen E. (CDC/NIOSH/EID)

From: Cloonan, Terrence K. (CDC/NIOSH/NPPTL)
Sent: Wednesday, May 07, 2008 11:07 AM
To: Dragon, Karen E. (CDC/NIOSH/EID)
Subject: Mr. Thomas Emsley comments as an IAB member-DOCKET052, Public-Stakeholder Community Category

Attachments: TEmsleycoverpage.JPG; TEmsleycmt01.JPG; TEmsleycmt02.JPG

Mr. Thomas Emsley, contractor to DOD Joint Program Executive Officer for Chemical and Biological Defense (JPEOCBD), provided hand written comments on the draft CBRN SCBA User's Guide Training Aid, dated September 23, 2005: 2 sets of comment pages separate from identification cover page.


TEmsleycoverpage.JPG (2 MB)


TEmsleycmt01.JPG (2 MB)


TEmsleycmt02.JPG (4 MB)

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(412) 386-6701, Desk.

COMMENTS - JPO
US Army

CBRN SCBA User's Guide

Training Aid

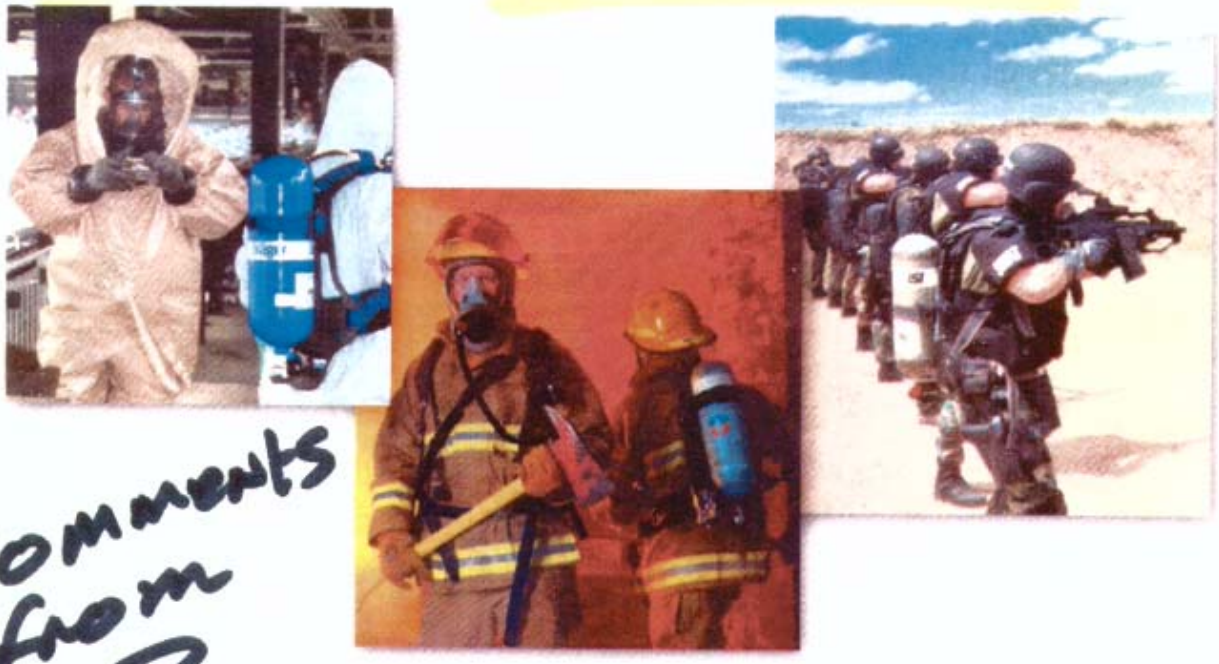
40 cts

Thomas Emsley PEO CBDef DOD

~~ANONYMOUS~~

September 23, 2005

COMMENTER



comments from IAB members

DRAFT - DO NOT CITE OR QUOTE

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at IAB mtg, Oct 2005

DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION
NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

CDC Workplace Safety and Health™ NIOSH NPPTL

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for — for
on
with

DHHS (NIOSH) Publication No. 2005-XXX

Foreword

The purpose of the CBRN SCBA User's Guide Training Aid is to educate individual respirator wearers, team leaders, supervisors and incident commanders about the selection, operation, protections, cautions, limitations, in-use life requirements, and use recommendations regarding NIOSH-approved CBRN protected SCBA.

Change "with" to "for"

This training aid pamphlet is an educational resource created to enhance the safety and health of responders using self-contained breathing apparatus (SCBA) respirators approved with chemical, biological, radiological, and nuclear (CBRN) protection awarded by the Centers for Disease Control and Prevention (CDC) National Institute for Occupational Safety and Health (NIOSH). NIOSH-approved CBRN SCBA protect emergency responders against all hazards associated with CBRN terrorism and traditional hazards created by fire, hazardous materials or natural disasters. CBRN SCBA contribute to greater national response preparedness by significantly enhancing the technical design and protection qualities of the national inventory of respirators available to responders.

The pamphlet is a companion document to the technical *NIOSH CBRN SCBA User's Guide**. The pamphlet summarizes key user topics that are more fully explained in the parent technical publication. It is designed to fit into the cargo pocket of a user and made available for easy reference. The training aid should not be viewed as a complete reference for use of a CBRN SCBA, but rather as a note-taking device for individuals who have received training on a CBRN SCBA, inconjunction with the recommendations from the NIOSH SCBA User's Guide. Both publications serve as complements to, not substitutes for, a required compliant respiratory protection program.

A list of NIOSH-approved CBRN SCBA is available on the NIOSH website at: http://www.cdc.gov/niosh/npptl/topics/respirators/cbrnapproved/scba/.

For more information about NIOSH-approved respirators and respirator use guidelines call 1-800-35-NIOSH.

Director, National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention

** CBRN SCBA User's Guide: Technical Use of Chemical, Biological, Radiological, and Nuclear (CBRN) Open Circuit, Pressure-Demand, Self-Contained Breathing Apparatus (SCBA) Respirators Certified Under Title 42, Code of Federal Regulations, Part 84. DHHS Publication No. _____.*

Step 4 CBRN Respirator Use Life (CRUL)

CBRN Respirator Use Life (CRUL) is a time value assigned to the specific type of CBRN respirator based on given time values specified in the NIOSH approved cautions and limitations. The CRUL value for a CBRN SCBA is six hours. When a CBRN SCBA is contaminated with a chemical warfare agent (CWA) in vapor, aerosol, or liquid form, it has a limited in-use life of ***six continuous hours***, beginning at the time of an exposure. The time of CWA exposure is determined by using qualitative or quantitative detection methods in the field, or by laboratory analysis of SCBA removed from the site.

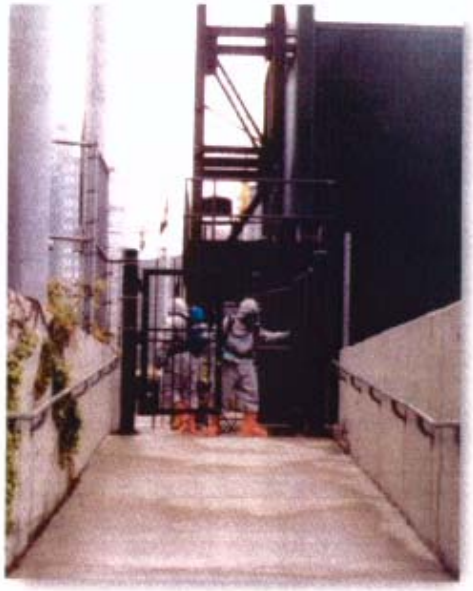
Remember:

- The time period is ***six continuous hours***, not a sum of smaller time periods of intermittent use
- At the six-hour mark, the entire SCBA must be decontaminated and disposed of properly
- The SCBA cannot be reused following the six-hour period
- CWA are nerve and blister agents
  - **Nerve agents** include: GA (Tabun), GB (Sarin), GD (Soman), GF (cyclohexyl Sarin), and V-series agents, such as VX
  - **Blister agents** include: H (sulfur mustard), HD (distilled sulfur mustard), nitrogen mustard (HN-1, HN-2 and HN-3) and Lewisite (L, L-1, L-2 and L-3)

Step 5 User's Instructions (UI)

The User's Instructions (UI) are included with every purchase of a new CBRN SCBA and typically include guidance on:

- Checks for unique parts labeled "CBRN" by the manufacturer
- Pre-use and in-use checks
- Donning and doffing
- Fit-testing and user seal checks
- Unit assembly
- Air cylinder inspection
- Cautions and warning statements unique to each respirator model
- Inspection checklists
- How to verify that the hydrostatic test date on the cylinder is current



- Regulator function (both first stage and second stage regulators)
- Function of all end-of-service-time-indicators (EOSTIs)
- Function of heads up display (HUD)
- Integrity of hoses for damage and tight hose connections
- Function of personal alert safety systems (PASS) if present
- Function of air hatches or compact demand valves